# 425MAGAZINE

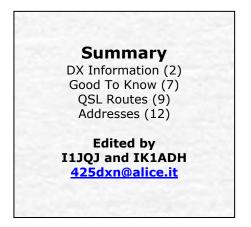
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#### **November 2018**

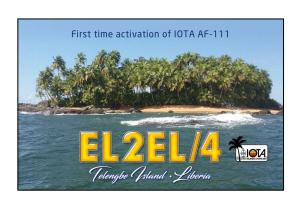
The Italian Bulletin for Serious DXers (weekly issues #1435-1436-1437-1438)













Articles and pictures for publication in the 425 Magazine should be sent to Nicola Baldresca, IZ3EBA iz3eba@iz3eba.it

## **DX INFORMATION**



**4S -** DK7TF and DH6ICE will be active again as 4S7DLG from Sri Lanka (AS-003) from 22 November to 6 December. They will operate mainly SSB and FT8. QSL via LoTW, or via DK8ZZ

(direct or bureau). [TNX The Daily DX]

**4W** - Look for 4W/HL1AHS and 4W/DS3EXX to be active from Timor Leste (OC-148) 26 November to 3 December. They will operate SSB, CW and FT8 on 160-10 metres. QSL via LoTW or direct to home calls. [TNX DX World]



**5R -** Eric, F6ICX will be active again as 5R8IC from Sainte-Marie Island (AF-090) from 5 November until February 2019. He will operate mainly CW with some RTTY, BPSK and SSB on 40-10 metres. QSL via Club

Log's OQRS, LoTW or via home call.

**5R -** Alex, K2BB and Pavel, UU0JR will be active as 5R8UM from Nosy Be (AF-057), Madagascar on 19-29 November, including an entry in the CQ WW DX CW Contest. Plans are to be QRV on 160-6 metres CW, SSB, FT8 and JT65A. They will also give 6m EME a try. QSL via Club Log's OQRS and LoTW. See <a href="https://5r8-2018.com/">https://5r8-2018.com/</a> for updates.

**5U -** Pierre, HB9AMO (http://www.hb9amo.net/) will be



active as 5U9AMO from Niamey, Niger from 20 November to 3 December. He will operate CW on 160-10 metres, including participation in the CQ WW DX CW Contest. QSL via MOURX's

OQRS and LoTW. [TNX NG3K]

**7Q** - Karl, DK2WV will be QRV as 7Q7W from Malawi on 13-28 November. Expect activity on 40-6 metres SSB, CW and FT8. QSL via DK2WV.

**7Q** - Susan, W7KFI (7Q7M) and Don, K6ZO (7Q6M) will be active from Embangweni, Malawi on 21-27 November. Main activity will be on 20 and 40 metres (14036 and 7036 kHz). [TNX The Daily DX]

**8Q** - Braco, E77DX will be active on 160-10 metres as 8Q7DX from the Maldives (AS-013) on 10-25 November, including a 24-hour entry in the CQ WW DX CW Contest. QSL via LoTW or via OE1EMS. [TNX NG3K]

**8Q** - Masa, JR3RIU will be active as 8Q7JX from the Maldives (AS-013) on 23-25 November, including participation in the CQ WW DX CW Contest on 40-10 metres. QSL direct to JR3RIU; he will upload his log to LoTW, eQSL and Club Log.

**9L** - Members of the Radio Club de Provins (F6KOP) will be active as 9LY1JM from Banana Island (AF-037), Sierra Leone on 9-21 January 2019. Plans are for 12 operators to be active on 160-10 metres CW, SSB, RTTY, PSK and FT8 (Fox & Hound mode) with four stations. Complete information is expected in due course.

**9Y -** Nick, VE3EY will be active again as 9Y4/VE3EY from Trinidad (SA-011) on 19-26 November, including an

entry in the CQ WW DX CW Contest. QSL via VE3EY, Club Log's OQRS and LoTW. [TNX NG3K]



A5 - Martti, OH2BH is still active as A52BH from Bhutan [425DXN 1434] until 4 November. He is using the permanent A5A set-up with multiple beams plus verticals on 160 and 80 metres. He is concentrating on the

160/80m US windows (21.00-00.00 UTC and 11-15 UTC) CW only. QSL via home call. [TNX N7NG]



C5 - Andre, ON7YK has been active again as C5YK since 18 November, and will remain in The Gambia until 9 March 2019. He operates digital modes (especially FT8) with some SSB and CW on 60, 40, 20, 17, 15, 12

and 10 metres. QSL via LoTW and eQSL, or via home call (see qrz.com for instructions); logsearch on <a href="http://www.on7yk.eu/">http://www.on7yk.eu/</a>. [TNX The Daily DX]

C6 - KN4EEI and AA7JV will be active as C6AGU from Water Cay (NA-001), Bahamas from 16 November until 3 December. They will operate CW and FT8 mainly on 160, 80 and 40 metres; their plans include activity during the CQ WW DX CW and the ARRL 160 Meter (30 November-2 December) Contests. [TNX The Daiily DX]

**C6** - Rich, N0HJZ will be active as C6ARW from Grand Bahama (NA-080) on 20-28 November. He will be competing full time in the CQ WW DX CW Contest; operation outside the contest will be on SSB, CW and RTTY. QSL via LoTW or direct to N0HJZ. [TNX NG3K]

**C6** - Brian, ND3F will be active as C6AQQ from Nassau (NA-001), Bahamas from 24 November to 1 December. He will participate in the CQ WW DX CW Contest, and will operate "some FT8" outside the contest. QSL via EA5GL. [TNX NG3K]

**CT8** - Hermann, HB9CRV (<a href="http://www.to-mk.com/ct3fn/">http://www.to-mk.com/ct3fn/</a>) will operate again FT8 as CU8FN from



Flores Island (EU-089), Azores from 19 November to 1 December. During the CQ WW DX CW Contest, look for CU8FN 40-10 on metres. and for Antonio, CU8AS on 160

and 80 metres. QSL for both callsigns via HB9CRV and LoTW.

**DU -** Audie, DU1ZDR and Gazelle, DU1ZDQ will be active as DZ1A/DU2 from Basco, Batan Island (OC-093) on 19-20 November. Main frequencies will be 14260 and 7055 kHz. [TNX DX News]

**EA -** Celebrating the International Day of the Basque Language (Euskara), special callsign EH2EUS will be active on all bands and modes from 27 November to 3 December. QSL via Club Log's OQRS, LoTW, eQSL or via EA2TP. [TNX EA2CW]

**ET -** December is Youngsters On The Air (YOTA) month. The idea for this event is to show the amateur radio hobby to young people and to encourage youngsters to be active on the amateur bands. As part of YOTA month, Bob W9XY and Ken K4ZW will travel to Ethiopia to team up with the ET3AA club at the Addis Ababa University's Institute of Technology. More details will be forthcoming. In the meantime, let them know what bands and modes

you need ET on. You can take the survey at <a href="https://www.surveymonkey.com/r/982K53W">https://www.surveymonkey.com/r/982K53W</a>. [TNX K4ZW]

F - The Radio Club de Nice (F4KJQ) will be active as



TM8AB between November and 12 December to commemorate the 95th anniversary of the Transatlantic first amateur two-way contact between Leon Deloy F8AB and Fred Schnell 1MO (28

November 1923).

**F -** F4ESV, F5LPY and F8EFU will be active as TM18EHF from 29 November to 13 December for the European Women's Handball Championship. They will operate CW, SSB and digital modes on 160-10 metres. QSL via F4ESV, direct or bureau. [TNX F8REF]

**FG** - The Radio Club Guadeloupe will be active as TO40R on 11-25 November for the arrival of the Route du Rhum, the single-handed yacht race between Saint-Malo (France) and Pointe-a-Pitre (Guadeloupe) whose first edition was held 40 years ago. QSL via the bureau and LoTW.

**FM -** Oliver, W6NV will be active as T05A from Martinique (NA-107) on 20-28 November, including participation in the CQ WW DX CW Contest. QSL via LoTW. [TNX NG3K]

**FS** - Look for Paul FS/K9NU, John FS/W9ILY, Mike FS/W9MK, John FS/K9EL as well as Marco FS4WBS to be active from St. Martin (NA-105) from 28 November to 8 December. They will operate CW, SSB, FT8 (Fox & Hound mode on 3567, 7056, 10131, 14090, 18095, 21091, 24911 and 28091 kHz) and some RTTY on 160-6 metres with three stations and a focus on 80 and 160m during hours of darkness. QSL FS4WBS via LoTW or IZ1MHY; QSL others via LoTW, Club Log's OQRS, or via home calls.

**FY -** Pierre-Louis, F5NED will be active as TO5NED from French Guiana from 24 November to 3 December. He will operate CW and SSB on the HF bands. QSL via home call. [TNX F8REF]

**G** - Commemorating the role that the Marconi station at Poldhu (callsign MPD) played during WWI, the Poldhu ARC will be active as GB100MPD on 9-13 November. Main activity will be on 40 and 20 metres. QSL via G3UCQ.

H44SHD SOLOMON ISLANDS

H44 - Remo, HB9SHD is again active again as H44SHD from Uepi (OC-149), Solomon Islands until mid-December. He operates FT8 and SSB. QSL via home call. [TNX DX World]

**HA -** Established as Magyar Rovidhullamu Amator Egyesulet (Hungarian Shortwave Amateur Union) in 1928, the Hungarian Radioamateur Society (MRASZ)



celebrates its 90th anniversary and commemorates its founding fathers. Look special event for stations HG90MRASZ, HG90MRAE, HA90AM (Anzerberger Mihaly), HA90HL (Horvath Laszlo), HG90BD (Bibo

Denes), HG90BJ (Brisky Jozsef), HG90FI (Fodor Istvan), HG90HL (Hollos Lajos), HG90KI (Kemeny Istvan), HG90MF (Mayer Ferenc), HG90NK (Nekolny Kurt) and HG90NS (Nagy Sandor) to be active from 15 November to 15 December. QSLs via the HA bureau and LoTW. Logsearch and downloadable awards can be found at <a href="http://www.mrasz.org/onlinelog-award-download-90">http://www.mrasz.org/onlinelog-award-download-90</a>.

**HC** - Uwe, DL8UD will be active as HC5M from Cuenca, Ecuador on 21-28 November, CQ WW DX CW Contest included. Outside the contest he will operate SSB and CW on 160-10 metres. QSL via DL8UD, direct or bureau. **HR** - LZ5VV/HR9, N2WQ/HR9 and SP4Z/HR9 will be

active from Roatan Island (NA-057) on 17-25 November. They will operate CW, SSB, RTTY and FT8, and will participate in the CQ WW CW Contest as HQ9X (QSL via KQ1F). [TNX NG3K]

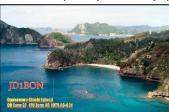
J8 - K7AR, KO8SCA, N7RO, VE7CT, VE7NY and VE7XF



will be active as J8NY from St Vincent (NA-109) on 21-28 November. They will operate "all modes" (FT8 included) on 160-6 metres, and will participate in the CQ WW DX CW Contest.

QSL via VE7NY and LoTW. [TNX NG3K]

**JD1\_mt** - Take, JG8NQJ expects to be back at the weather station on Minami Torishima (OC-073) for three months starting around 15 November. He operates CW and some RTTY as JG8NQJ/JD1 in his spare time. QSL via JA8CJY (direct) or JG8NQJ (bureau).



JD1\_oga - JD1BOI (QSL via JI1LET), JD1BON (QSL via JA1UII), JD1BPH (QSL via JH1HHC) and JI1CRM/JD1 (QSL via JI1CRM) will be active from Chichijima (AS-031), Ogasawara from

22 November to 7 December. They will operate CW, SSB, RTTY and FT8 on 160-6 metres. [TNX JI1LET]



OH - Santa's Radio Club (https://oh9s.fi) will be active as OH9S on 1-8 December from Finnish Lapland, some 200km above the Arctic circle. Activity will be mainly on 80m-6m on all modes, FT8 included. All QSOs will

be confirmed automatically via the bureau and LoTW; direct cards via Club Log's OQRS (preferred) or via OH9MM.



OX - Bo, OZ1DJJ (http://geronne.dk/ind ex.php/ox3lx/ox3lxdxped) will be active again as OX3LX from Tasiilaq, Ammassalik Island (NA-151) from 21 November to 4 December. Bo is QRV

in his spare time, typically "around lunch and after dinner". QSL via OZOJ, Club Log's OQRS and LoTW.

**P2** - ZL1BQD, Roly will be active as P29RR from Lae, Papua New Guinea (OC-034) from 20 November to 4 December, with a focus on FT8. QSL via LoTW, eQSL, or direct to ZL1BQD. [TNX The Daily DX]

**P4** - Frank, PH2M, will be active holiday style as P4/PH2M from Aruba (SA-036) on 17-29 November. He will operate SSB and FT8 on 80-10 metres. QSL via LoTW, or via home call (direct or bureau). [TNX OPDX

Bulletin]

**P4** - John, W2GD will be active again as P40W from Aruba (SA-036) on 19-27 November. Main activity will be during the CQ WW DX CW Contest; outside the contest he will operate SSB and CW on 160-10 metres. QSL via LoTW or direct only to N2MM.

**PA** - Wino, PA0ABM and Rich, PA0RRS will participate in the CQ WW DX CW Contest (24-25 November) as PE75W. The special callsign is in Celebration of their 75th birthdays. QSL via LoTW, or via PA0RRS . [TNX PA0RRS] **PJ4** - Scott, W4PA and others will participate in the CQ WW DX CW Contest as PJ4Q from Bonaire (SA-006). There will be some "pre-contest activity" by PJ4/W4PA

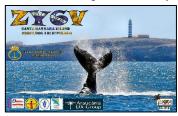
starting on 18 November, with a focus on 160, 30, 17 and 12 metres. QSLs via W4PA. [TNX NG3K]

**PJ4 -** Jeff, KU8E and John, K4BAI will be active as PJ4/KU8E and PJ4/K4BAI from Bonaire (SA-006) on 18-27 November. QSL both callsigns via K4BAI. They will participate in the CQ WW DX CW Contest as PJ4A (QSL via LoTW or K4BAI) as Multi-Single or two single band

entries. [TNX NG3K]

**PJ7 -** Oleh, UR5BCP (KD7WPJ) will be active as PJ7/UR5BCP from Sint Maarten (NA-105) on 17-21 November. He will operate mainly CW and FT8 on 20 and 15 metres. QSL via KD7WPJ. [TNX UR5BCP]

**PJ7 -** Tom, AA9A will be active again as PJ7AA from Sint Maarten (NA-105) from 17 November to 8 December. He plans to be operate CW with some SSB and FT8 on 80-10 metres, possibly including activity during the CQ WW DX CW Contest. QSL via Club Log's OQRS, LoTW or direct to AA9A. [TNX The Daily DX]

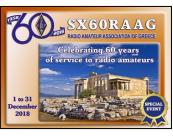


PY - PS8NF, PY1AX, PY6AWU, PY6BA, PY6HD and PY6RT will be active as ZY6V from Santa Barbara Island, Abrolhos Archipelago (SA-019) on 14-19 November. They will operate SSB, CW and

FT8 (Fox & Hound mode) on 160-6 metres. See qrz.com for their planned operating frequencies. QSL via Club Log's OQRS, LoTW or direct to PY6HD.

**PY** - Ronaldo, PS8RV and Aristides Carlos, PS8ACM will be active as ZV7FF from the Ubajara National Park, in the Brazilian State of Ceara, from 29 November to 2 December. They will operate SSB and FT8 on 80, 40, 20, 15 and 10 metres. QSL via PS8RV.

**PY -** Martin, PT2ZDX (LU9EFO) will be active as PQ6T from Tinhare Island (SA-080) on 26-30 November, and as PS6I from Itaparica Island (SA-023) on 1-7 December. QSLs direct to PP5GEL (Brazilian stations only) or F4BHW (rest of the world).



SV - Special callsign SX60RAAG will be active on 1-31 December to celebrate the 60th anniversary of the Radio Amateur Association of Greece (RAAG). QSL via LoTW, eOSL. Club Loa's OQRS. Logsearch and downloadable awards

can be found at <a href="http://sx60raaq.hamlogs.net/">http://sx60raaq.hamlogs.net/</a>.

**T32** - Nobu, JA0JHQ (http://pandasan.jimdo.com/) will be active as T32NH from Kiritimati (Christmas Island, OC-024), East Kiribati on 5-11 December. He will operate mostly CW and FT8 on 160-6 metres, and will participate in the ARRL 10 Meter Contest. QSL via LoTW (preferred) or direct to JA0JHQ.

**T8** - Nobu, JA0JHQ (<a href="http://pandasan.jimdo.com/">http://pandasan.jimdo.com/</a>) will be active again as T88PB from Koror (OC-009), Palau from

on 23-26 November. Main activity will be during the CQ WW DX CW Contest. QSL via LoTW (preferred) or direct to JA0JHQ.



**TK -** A large team from Slovenia (S53CC, S53F, S53MM, S53RM, S53WW, S550O, S57C, S57K, S57L and S57VW) will be active as TK/homecall from Corsica (EU-014) on 19-26 November. They will participate in the

CQ WW DX CW Contest as TK0C; outside the contest they will operate SSB, CW and FT8 as TK/homecall. QSL TK0C via LoTW, eQSL or via S50C. [TNX The Daily DX]

**V2 -** Bud, AA3B will be active again as V26K from Antigua (NA-100) on 19-26 November. He will operate mainly CW, and will participate in the CQ WW DX CW Contest. QSL via LoTW, Club Log's OQRS, or via AA3B (direct or bureau). [TNX AA3B]

**V4** - Andy, N2NT will be active as V47NT from St Kitts (NA-104) on 16-23 November, and as V47T during the CQ WW DX CW Contest. QSLs via LoTW, or via W2RQ. [TNX NG3K]



V6 - Sho, JA7HMZ will be active again as V63DX from Pohnpei (OC-010), Micronesia on 19-26 November. He will be QRV on 160-6 metres, with a focus on 160m FT8 for Europe. He will participate in the CW WW DX CW Contest as

V6A. QSL for both callsigns via LoTW or direct to JA7HMZ. [TNX NG3K]

**V6** - Toru, JH0CJH announced on Twitter that he will be active as V63YAP from Yap Island (OC-012), Micronesia from 27 November to 1 December. QSL via home call.

**VP2E -** Art, WA7NB (VP2EAB) and John, N2LK (VP2EJS) will be active from Anguilla (NA-022) on 18-26 November. They will operate SSB, CW and digital modes on 160-6 metres, and will participate in the CQ WW DX CW Contest as VP2EAB. QSL via LoTW, Club Logs' OQRS, or via home calls. [TNX DX World]

VP2E - Rich, KE1B as VP2EAQ and Anna, W6NN as



VP2EAR will be active again from Anguilla (NA-022) on 19-28 November. They will operate CW, SSB, RTTY and FT8 on 40-6 metres. QSLs via Club Log's OQRS, LoTW and eQSL, or via home

calls. [TNX The Daily DX]

**VP2M -** Lee K7NM (VP2MLB), Steve WM7Z (VP2MSA), Rich NS7K (VP2MSK) and Glenn AC7ZN (VP2MZN) will be active from Montserrat (NA-103) from 25 November to 2 December. They will operate CW, SSB and FT8 on all the HF bands, and will participate in the ARRL 160 Meter Contest as VP2MLB. QSL via operator's instructions.

**VP2V** - Look for VP2V/K6NAO to be active from the British Virgin Islands (NA-023) on 17-23 November. QSL via Club Log's OQRS or via JA1HGY.

**VP2V** - Dave, WJ2O will be active as VP2V/WJ2O from the British Virgin Islands (NA-023) on 21-27 November. He will participate in the CQ WW DX CW Contest, and will focus on 30, 17 and 12 metres outside the contest. QSL via LoTW, or via N2ZN. [TNX NG3K]

VP9 - Georg, DK7LX will be active again as VP9/DK7LX

from St. David's Island, Bermuda (NA-005) starting around 6 November for a couple of weeks. He operates CW on 80-10 metres. QSL via Club Log's OQRS, or via home call.

**VU** - Datta, VU2DSI will be active again as AU2JCB from 23 November to 11 December to commemorate the birthdate of Indian physicist and radio pioneer Jagadish Chandra Bose. Look for activity on 80, 40, 20, 15 and 10 metres. QSL direct to VU2DSI.



XT - Harald, DF2WO will be active again as XT2AW from Ouagadougou, Burkina Faso from 17 November until the end of the month. Plans are to focuns on 80 160, and

metres. QSL via M0OXO's OQRS. [TNX The Daily DX] **XT** - Alain, F8FUA will be active again as XT2BR from Ouagadougou, Burkina Faso on 2-11 December. He plans to operate CW, SSB and digital modes. QSL via F8FUA (direct or bureau) and LoTW. [TNX DX World]

**XU** - Steff, HB9FXL will be active again as XU7AKB from various locations in Cambodia between 22 November and

14 December. He will operate SSB and FT8 on 40-10 metres. QSL via HB9FXL, direct or bureau. [TNX OPDX Bulletin]



YN - Yuri RM0F, Sergey R4WAA, Yan RZ3FW, Yuri N3QQ and Elena RC5A will be active as H7/homecall and YN4RRC from Big Corn Island (Isla del Gran Maiz, NA-013),

Nicaragua from 26 November to 7 December. They will operate C W and SSB on 160-10 metres. QSL YN4RRC via RZ3FW. [TNX DX World]

- **ZA** Henning, OZ2I (OZ1BII) will operate CW only as ZA/OU2I from Albania on 21-27 November, including an entry in the CQ WW DX CW Contest. QSL via Club Log's OQRS, LoTW and eQSL. [TNX NG3K]
- **ZA** Rumen, LZ1MS will be active as ZA/LZ1MS from Albania on 23-27 November, including a SOSB (40m) entry in the CQ WW DX CW Contest. QSL via LoTW, Club Log's OQRS, or via home call.
- **ZS** Special callsign ZS100WWI is active from South Africa until 30 November to commemorate the centenary of the Armistice agreement That ended the hostilities in World War I. All QSOs will be confirmed automatically via the bureau.

#### **CQ WW DX CW CONTEST**

The following stations have announced their participation in this year's event (24-25 November):

ZONE	CALL	CATEGORY	COUNTRY	QSL VIA
02	VE2EKA	SOAB HP	Canada	LoTW
05	VP9I	M/S	Bermuda	LoTW/WW3S
07	HQ9X	M/2	Honduras	KQ1F
07	TI7W	SOAB HP	Costa Rica	W4FS
08	6Y3T	M/2	Jamaica	LoTW/M0URX
08	8P1W	SOAB LP	Barbados	KU9C
08	C6AGU		Bahamas	HA7RY
08	C6AQQ	SOAB LP	Bahamas	EA5GL
08	C6ARW	SOAB LP	Bahamas	LoTW/N0HJZ
08	FG/F6ARC	SOSB	Guadeloupe	LoTW
08	HH2AA	SOAB LP	Haiti	LoTW
08	J68GD	SOSB 20m	St Lucia	LoTW/K9AW
08	J68GU	SO	St Lucia	DL7VOG
08	J8NY	M/2	St Vincent	LoTW/VE7NY
08	KP3Z	SOAB HP	Puerto Rico	N4AO
08	NP2J	SOSB 160m	US Virgin Isls	LoTW/K8RF
08	NP2P	SOAB	US Virgin Isls	LoTW
08	PJ7/K0CD	SOSB 20m QRP	Sint Maarten	K0CD
08	PJ7AA	SO	Sint Maarten	LoTW/AA9A
08	TO5A	SO	Martinique	LoTW
08	V26K	SOAB LP	Antigua	LoTW/AA3B
08	V47T	SOAB HP	St Kitts & Nevis	LoTW/W2RQ
08	VP2EAB	M/S	Anguilla	LoTW/WA7NB
08	VP2EAQ		Anguilla	LoTW/KE1B
08	VP2EJS	M/S	Anguilla	N2LK
08	VP2V/WJ2O	SOAB LP	British Virgin Isls	LoTW/N2ZN
08	VP5M	SO	Turks & Caicos Isls	LoTW/K4PQL
08	ZF1A	SOAB HP	Cayman Isls	LoTW/K6AM
08	ZF9CW	SO	Cayman Isls	LoTW/K5GO
09	9Y4/VE3EY	SOAB HP	Trinidad & Tobago	LoTW/VE3EY
09	FY5FY	SOSB 20m HP	French Guiana	FY5FY
09	P40C	SO	Aruba	LoTW
09	P40W	SOAB LP	Aruba	LoTW/N2MM
09	P49Y	SOSB 40m	Aruba	LoTW/AE6Y
09	PJ2T	M/M	Curacao	LoTW/W3HNK
09	PJ4A	M/S	Bonaire	LoTW/K4BAI
09	PJ4Q	M/2	Bonaire	W4PA

ZONE	CALL	CATECORY	COUNTRY	OCI VIA
<b>ZONE</b> 09	PZ5T	CATEGORY SOAB HP	COUNTRY Suriname	<b>QSL VIA</b> VE3DZ
09	TO1A	SOSB 15m LP	French Guiana	LoTW
09	YW4D	SOSB 15m	Venezuela	LoTW/EA7JX
10	HC5M	SOAB HP	Ecuador	DL8UD
11	PY0F	SOAB HP	Fernando de Noronha	LoTW/PY7RP
12	CB1H	M/?	Chile	XQ1KN
13	LS1D	M/S	Argentina	LoTW/LW9EOC
14	CU8AS	SOAB HP	Azores	LoTW/HB9CRV
14	CU8FN	SOAB HP	Azores	LoTW/HB9CRV
14	GU3HFN	SOAB LP	Guernsey	GUSITE
14	GU4CHY	SOSB 20m HP	Guernsey	GU4CHY
14	MD4K	SOSB 20m m	Isle of Man	G3NKC
14	MW5B	SOSB 160m	Wales	LoTW
14	PE75W	M/?	Netherlands	LoTW
15	ES9C	M/?	Estonia	LoTW/ES5RY
15	LY4A	M/M	Lithuania	LY4A
15	OG60F	M/?	Finland	LoTW
15	OH0Z	SOAB HP	Aland Isls	LoTW/W0MM
15	OH5Z	M/M	Finland	LoTW
15	SN8B	M/?	Poland	LoTW/SP8CUR
15	+S04M	M/S	Poland	LoTW
15	TK0C	M/2	Corsica	LoTW/S50C
15	ZA/LZ1MS	SOSB 40m	Albania	LoTW/LZ1MS
15	ZA/OU2I	SOAB LP	Albania	LoTW
20	SW9AA	M/S LP	Crete	LZ1PM
20	SZ1A	M/S	Greece	LoTW
21	4L2M	SOSB 20m	Georgia	EA7FTR
21	A44A	M/M	Oman	A47RS
21	A71EM	SOSB 40m HP	Qatar	LoTW/M0OXO
21	EK3GM	SO SO	Armenia	LoTW/EK3GM
21	EK6RL	SOAB	Armenia	EK6RL
21	EK6SI	SOAB LP	Armenia	EK6SI
21	EK7AF	SOAB	Armenia	grz.com
21	EK7DX	SOAB LP	Armenia	EK7DX
22	8Q7DX	SOAB HP	Maldives	OE1EMS
22	8Q7JX	SO	Maldives	LoTW/JR3RIU
22	AT3A	SO	India	LoTW
24	B4T		China	LoTW/BA4TB
24	B7Q		China	BA1DU
24	BA7JS	SOSB 160m HP	China	BA7JS
24	BD1IIJ	SOAB	China	LoTW/BD1IIJ
26	E28AI	M/?	Thailand	LoTW/E24NQN
26	E2A	M/?	Thailand	LoTW/E21EIC
26	XV9D	SO	Vietnam	LoTW/EA5GL
27	AH2R	M/?	Guam	LoTW
27	T88PB	SOAB	Palau	LoTW/JA0JHQ
27	V6A	SOAB HP	Micronesia	LoTW/JA7HMZ
28	9M6NA	SOAB LP	East Malaysia	LoTW/JE1JKL
28	YE2A	M/?	Indonesia	LoTW
30	VK3HF	M/?	Australia	LoTW/M0OXO
31	KH7M	SOAB HP	Hawaii	LoTW
33	3V8SF	SOSB 160m	Tunisia	LoTW/LX1NO
33	CN3A	M/?	Morocco	LoTW/IK2OHG
33	CR3DX	M/?	Madeira	LoTW/OM2VL
33	CR3X	M/S	Madeira	LoTW/K2PF
33	EA8/GU4YOX	SOSB 20m LP	Canary Isls	LoTW/GU4YOX
33	EA8CUU	SOSB	Canary Isls	OH6CS
33	EA9LZ	SOSB 40m	Ceuta & Melilla	LoTW/EA5KB
33	IH9/OK6RA	SOSB 40m LP	AF Italy	OK6RA
33	IH9/OL3R	SOSB 20m LP	AF Italy	OK1VWK
34	SU9JG	SOSB 15m	Egypt	LoTW/EA5GL
35	5U9AMO	SOAB LP	Niger	LoTW/M0URX
35	6V7A	M/2	Senegal	LoTW/F6BEE
35	D41CV	SOAB HP	Cape Verde	LoTW/IK2NCJ
36	9X4XX	SOAB LP	Rwanda	LZ3SM
37	5X1XA	SOSB 20m	Uganda	G3SWH
37	5X2B	SOAB LP	Uganda	LoTW/JA1PBV
37	5Z4LS	S0	Kenya	G3RWF

ZONE	CALL	CATEGORY	COUNTRY	QSL VIA
37	7Q6M		Malawi	K6ZO
38	ZR2A	SOAB LP	South Africa	LoTW/DM5EE
39	5R8UM	M/S	Madagascar	LoTW

Do not forget to give a look at the Announced Operations listing maintained by Bill, NG3K at <a href="http://www.ng3k.com/Misc/cgc2018.html">http://www.ng3k.com/Misc/cgc2018.html</a> - good contest to you all!

### GOOD TO KNOW

Access to the main functions of www.425dxn.org is provided by the 425DXN App for Android. It is available on Google Play free of charge, no ads. Enjoy!

**32 EUDXF AWARD** • Joining the celebrations for the 32nd anniversary of the European DX Foundation during November are DL32EUDXF from Germany (QSL via Club Log's OQRS, or via DJ8NK), and OT32EUDXF from Belgium (QSL via Club Log's OQRS, or via ON6CC). Information on the '32 EUDXF Award' for working these and other special callsigns is on <a href="http://www.eudxf.eu/?p=2878">http://www.eudxf.eu/?p=2878</a>.





**3Y01** • The 3Y0I team (3Z9DX, CT1DSV, JE1CKA, SP3CMX, SP5ES, SP8S and YU4DX) have assembled in Cape Town, South Africa in anticipation of their upcoming DXpedition to Bouvet Island (dates TBA). "Our cruise will take 12 days one way", they say. "If we are lucky with weather, our stay at the island will last for 2 weeks". We assume the

entire journey will take approximately 1.5 months". Plans are to operate CW, SSB and FT8 (Fox & Hound mode on all bands except 160m) as follows:

CW	1822	3502	7002	10106	14002	18072	21002	24892	28002	50105
SSB	-	3785	7090	-	14190	18140	21200	24940	28440	50140
FT8	1840	3567	7056	10131	14090	18095	21091	24911	28091	-
QSL via	a Club Log's	OQRS (pr	eferred), L	_oTW or via	3Z9DX.					

"A few good DXpedition Pilot stations" chosen have been tο serve durina the expedition: https://www.rebeldxgroup.com/3y0i-pilots/. They "will not handle busted calls, log/mode requests or DXpedition details", but "will assemble RX information and forward that consolidated info into a single direct communication link to Dom, the DXpedition Team Leader". 3YOI plans to upload the logs to Club Log twice a day. For the time being, the team in Cape Town expects to complete the "Special Operations, Water, Rescue, Recovery and Survival" training on 26 November: see https://bouvetoya.org.

**425 DX NEWS MAGAZINE** • The October 2018 issue is now available for download at <a href="http://www.425dxn.org/index.php">http://www.425dxn.org/index.php</a>. [TNX IZ3EBA]

**4U1UN** • "90% of the remoting of the 4U1UN station has been completed", The Daily DX reports. "The main equipment is in a secure area on the 41st floor and in the near future operators will be able to have easier access down below". Hopefully the United Nations HQ station will be QRV again by year's end.

**AFRICA 2019** • Silvano, I2YSB and the Italian DXpedition Team have announced their plans to be active from Chad (TT8RR and TT8XX for FT8) from 22 February to 7 March, and from Uganda (5X0T and 5X0X for FT8) from 20 September to 6 October. Details are expected in due course. [TNX IK7JWY]

**EP6RRC** • Announced FT8 (Fox & Hound mode) frequencies for the 17-23 November DXpedition to Shif Island (AS-189, new one for IOTA), Iran [425DXN 1431] are 3567, 7056, 10131, 14090, 18095 and 21091 kHz. Eight operators expect to be QRV on 160-10 metres CW and SSB with two stations, with a third station devoted to FT8. The pilots will be JA8COE (Far East and Oceania), UA3AKO (Europe, Russia, and ex USSR countries), VE3LYC (East Coast NA) and WC6DX (West Coast NA). QSL via LoTW, Club Log's OQRS, or via R7AL. See <a href="https://dxpedition.wixsite.com/ep6rrc">https://dxpedition.wixsite.com/ep6rrc</a> for more information.

Club Log's OQRS is the preferred method, and it will be enabled after the DXpedition is over: <a href="https://clublog.org/logsearch/EP6RRC">https://clublog.org/logsearch/EP6RRC</a>. The QSL manager is R7AL, but those who choose to go direct in a traditional way should mail their request to EU7A (maildrop): Andrey N. Teterukov, P.O. Box 49, 220050 Minsk-50, Belarus.



**INDEXA NEWSLETTER** • The Fall 2018 edition (#123) of the International DX Association's Newsletter (INDEXA) is now available for download at <a href="http://www.indexa.org/newsletters.html">http://www.indexa.org/newsletters.html</a>. It contains a complete report on the 3C3W/3C0W DXpedition to Equatorial Guinea and Annobon earlier this year, as well as the profiles of three new members of the Board of Directors. [TNX K8YC]

**K6VVA/KL7** • Rick, K6VVA expected to be QRV from Endicott Island (NA-004) on 8-11 November [425DXN 1433]. "After much serious deliberation of multiple factors", however, "I have made a strategic decision to QRX my scheduled NA-004 activation until late Spring or early Summer 2019", he says, and adds that "this is a postponement, and not a cancellation!". See <a href="http://www.k6vva.com/iota/na-004">http://www.k6vva.com/iota/na-004</a> for more information.

**QSL GALLERY** • The large collection of QSL cards on Les Nouvelles DX's website has been updated. Sixteen different galleries include 16,223 cards for the ten Most Wanted DXCC Entities (2008-17), the 62 deleted DXCC Entities, obsolete prefixes, stations from Maghreb from 1945 to 1962, Allied Forces stations in Germany (1945-70), special stations

commemorating ITU and IARU, stations using the United Nations prefix (4U), Antarctic bases and TAAF (Terres Australes and Antarctiques Françaises), the various French DXCC island Entities in the Pacific Ocean, the Indian Ocean and the Americas (from 1945 to 1969), pre-1945 countries, French Departments and CONUS, plus a gallery for cards not accepted by DXCC. Your participation is encouraged: <a href="http://www.lesnouvellesdx.fr/qalerieqsl.php">http://www.lesnouvellesdx.fr/qalerieqsl.php</a>. [TNX F6AJA].

**SM3CER** • Jan-Eric Rehn, SM3CER's popular "Contest Service" website (<a href="http://www.sk3bg.se/contest/">http://www.sk3bg.se/contest/</a>) has not been updated for a while. "Jan-Eric fell in his apartment in early September and could not get up or call for help for several days", NOAX reports. "After being rescued and a stay in the hospital, he is back home but pretty much unable to move around and faces a long convalescence". His friend SM3DMP says that Jan-Eric "would appreciate receiving emails and QSLs, even though it is very unlikely he will be able to respond". His email address is jan-eric.rehn[@]telia.com, and his postal address is on qrz.com.



AN

**TEN YEARS OF CLUB LOG** • "It's now been 10 years since the first few features of Club Log were put together", Michael, G7VJR wrote on 22 November. "This feels like longer than I expected - probably because the whole story of Club Log has rushed by. They say that time flies when you're having fun! I wanted to share a few reflections and say a few thank-yous, to mark this decade" - continue reading on https://q7vjr.org/.



**TXOA & TXOM ●** "In just a little over 5 weeks, Adrian (KO8SCA) and I will be heading down to French Polynesia for the challenging activation of OC-113 (TXOA) and OC-297 (TXOM)", Cezar VE3LYC posted to the expedition's website (<a href="https://tx0a-tx0m.weebly.com/">https://tx0a-tx0m.weebly.com/</a>) on 26 October. "We are grateful to those who have already provided us with financial support. At a price-tag of \$28.5k, if we can resell the power components upon our return in Rikitea, this is truly a very costly endeavour. Since French Polynesia ranks

low among the Most Wanted DXCC, we know that virtually all the support will come from the IOTA community. Consequently, we are looking for more islands chasers, particularly from EU and NA, who are willing to help us out. We need your assistance!"

**VP6D** • As the forecast indicated strong winds and rough seas, the VP6D team went QRT earlier than planned, on 31 October at 16.20 UTC, "in order to achieve a safe departure from Ducie Island". According to the latest statistics, 112,042 QSOs were made with 24,946 unique callsigns (22.26%).

made w	VILII 27,370 L	arrique cansigns	(22.20 /0).		
Breako	lown by co	ntinents	Breakd	own by mo	odes
NA	59,254	52.89%	CW	58,602	52.30%
EU	29,778	26.58%	FT8	24,441	21.81%
AS	17,733	15.83%	SSB	23,286	20.78%
SA	3,377	3.01%	RTTY	5,685	5.07%
OC	1,379	1.23%	JT65	28	0.02%
AF	519	0.46%			

0.00%



The most productive bands were 40m with 21687 QSOs (19.36 %) and 20m with 20981 QSOs (18.73 %), followed by 17m/18456, 15m/17025, 30m/12759, 12m/7844, 80m/6340, 10m/3895, 160m/3027 and 6m/28.



**WSJT-X 2.0** • A fourth candidate release ("RC4") of WSJT-X 2.0 has been available for download and use by beta testers since 13 November. The "Quick-Start Guide to WSJT-X 2.0" has been revised and extended, and must be read thoroughly before using RC4: <a href="http://physics.princeton.edu/pulsar/k1jt/Quick Start WSJT-X 2.0.pdf">http://physics.princeton.edu/pulsar/k1jt/Quick Start WSJT-X 2.0.pdf</a>.

The version of FT8 (and of MSK144 as well) in the new release is not backward-compatible with the original protocol. This means that anyone using an earlier version of the software will be

unable to decode transmissions from users of v2.0.0-rc4, and vice-versa. "To minimize this cross-protocol interference we suggest initially using the RC4 release at audio TX frequencies 2000 Hz and higher. As more users upgrade their software to RC4 or later, activity can gradually move downward in audio frequency. By December 10 or very soon afterward, everyone should upgrade to the full WSJT-X 2.0 general availability (GA) release".

Download links for RC4 on Windows, Linux, and macOS can be found on the WSJT-X web page: http://physics.princeton.edu/pulsar/k1jt/wsjtx.html.

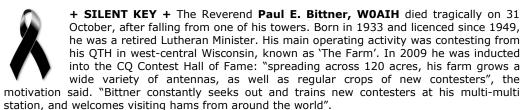


**YASME EXCELLENCE AWARDS & SUPPORTING GRANT** • In 2008 The Yasme Foundation (<a href="http://www.yasme.org/">http://www.yasme.org/</a>) established the Yasme Excellence Award, to be presented to individuals and groups who, through their own service, creativity, effort and dedication, have made a significant contribution to amateur radio. The contribution may be in recognition of technical, operating or organizational achievement, as all three are necessary for amateur radio to grow and prosper. The latest recipients, announced on 25 October, are:

- Brian Machesney, K1LI, and Michelle Guenard in recognition of their extraordinary efforts on behalf of Commonwealth of Dominica communities in the wake of the 2017 hurricane season. Their efforts included fundraising, delivery of communications supplies, on-site support, and application of amateur radio technologies to support the relief efforts which continue today.
- Fred Kleber, K9VV/KP2 in recognition of Fred's leadership and technical skills that support the Virgin Islands' emergency communications capabilities. Fred has been a key player long before hurricanes Irma and Maria devasted the islands. He is hard at work today re-building and extending the interisland communication systems even after his own station suffered extensive damage.
- Zorro Miyazawa, JH1AJT for his extensive promotion of amateur radio in developing countries. Governments and telecommunications administrators in Bangladesh (S2), Bhutan (A5), Cambodia (XU), Eritrea (E3) and Myanmar (XZ) have benefited from Zorro's patient and skillful efforts, supporting his own government and his fellow amateurs in Japan and around the world.

- **Stu Phillips, K6TU** for contributions to amateur radio through his Propagation and DX Strategy website (<a href="https://www.k6tu.net/">https://www.k6tu.net/</a>). In particular his innovative tools, free for amateur use, enhance the use of the High Frequency Terrain Analysis (HFTA) program developed by Dean Straw, N6BV, another Excellence Award recipient in 2012.
- Randy Wright, W6CUA in recognition of his long service to the Yasme Foundation as our Awards Manager. His steady efforts and exacting attention to detail and customer service are greatly appreciated.

The Board of Directors of the Yasme Foundation has also made a significant grant to **ARISS** (Amateur Radio on the International Space Station, <a href="http://www.ariss.org/">http://www.ariss.org/</a>) in support of the Critical Infrastructure Fund. Yasme has supported this important upgrade to the ISS amateur station since the effort began and challenges other organizations and individuals to support it, as well. As of late 2018, ARISS is the only non-commercial entity being considered for NASA's Deep Space Gateway program, indicating the importance with which the space program views amateur radio. Putting and keeping amateur radio in space is a significant expense and needs the support of the entire amateur community. [TNX K4ZW]











# **QSL ROUTES**

From 425 DX News # 1436 From 425 DX News # 1438

CALL	MANAGER	CALL	MANAGER	CALL	MANAGER
3B9FR	M0OXO	EE7P	EA7ATX	OP7LO	ON7LO
3G1D	XQ1FM	EF8L	EA8URU	OP7VA	on7va
3W3B	E21EIC	EF8R	EB7DX	OP8ON	ON8ON
3W9XG	DF2XG	EF8U	EA8URL	OP8VP	ON8VP
4E1A	9V1KG	EIOW	EI9GTB	OT32EUDXF	ON6CC
4L2M	EA7FTR	EL2EL/4	M0SDV	OX3LG	OZ1ACB
4M1K	онохх	EL2JB	M0SDV	OX7A	OZ1ACB
4M6R	EA5GL	EN4U	EA5EL	OZOTX	DL7AT
4M8E	YV8ER	ER4DX	ER1FF	P33W	UA3DX
4U1A	UA3DX	ES9C	ES5RY	P40L	WA3FRP
4U73B	9A2AA	ET3AA	N200	PA1918PAX	PA5V
4X/R1CC	DJ1ND	FM5BH	W3HNK	PA32EUDXF	PA1AW
4X0A	4X1VF [others]	FR5FC	EA7FTR	PB32EUDXF	PA1AW
4X0A	K1FJ [K/VE]	G2F	G8HDK	PC32EUDXF	PA1AW
4X0T	4Z5FI	G5K	G0BNR	PD32EUDXF	PA1AW
4X1DX	4X60M	G50	G8SRS	PE32EUDXF	PA1AW
4X2M	4X4DZ	G6MC	G2YL	PF2018STA	PA0MBD
5B4AJC	UA3DX	G6XX	M00XO	PF32EUDXF	PA1AW
5C43AM	CN8AM	G7Y	M0ZDZ	PG32EUDXF	PA1AW
5C43MAA	CN8MAA	GB100ARM	GOTOC	PH32EUDXF	PA1AW
5C43MC	EA7FTR	GB100RAF	G8FC	PI32EUDXF	PA1AW
5C43PA	EA7FTR	GB1418WAR	M0OXO	PJ2/KF4DX	DL8NU
5C43SG	EA7FTR	GD9W	M0SDV	PJ2ND	K8ND
5H3EE	DL4ME	GM2T	GM4UYZ	PJ2T	W3HNK

CALL	MANAGER	CALL	MANAGER	CALL	MANAGER
5R8AL	G3SWH	GS7V	N3SL	PJ4G	WA2NHA
5R8IC	F6ICX	GS8VL	M0OXO	PJ4K	KU9C
5R8UP	ОЕ7АЈН	нв9н	HB9CXZ	PJ4KY	M0URX
5W2TB	JJ1TBB	HC0E	HC1QRC	PJ4Q	W4PA
5 <b>W</b> 7X	JF10CQ	HC2AO	RC5A	PS2T	K3IRV
5X2B	JA1PBV	HF1918RO	SP3POW	PX2A	PY2VM
6W1SU	M0URX	HG18CEJ	HA3JO	R130ANT	UA3IIZ
8P1W	KU9C	HG3IPA	HA3JB	RL3A	W3HNK
8P9AE	DL7DF	HI3LT	W2CCW	RT6A	W3HNK
9A5Y	9 <b>A</b> 7W	HK3C	M0URX	S50IPA	S55N
9A60KDE	9A1AA	нкзтк	F5CWU	SC6AS	SM6RXZ
9н3нz	TA1HZ	HS0ZLP	DJ9ZB	SJ0X	SM6JSM
9н3ЈК	ZB2JK	IB9A	IZ2WFL	SN2B	SP3CGK
9H6A	9H1BT	IF9A	IT9ATF	SN8B	SP8CUR
9K2K	EC6DX	II2RR	IK2VUC	SO7M	SP7PKI
9K9A	EC6DX	II2S	IZ2FOS	SQ100V	sq9v
9K9C	A61BK	II4HNR	IQ4FE	ST2NH	EA7FTR
9M4DX	JA6IDJ	II9L	IT9BUN	SU9JG	EA5GL
9M8YY	JR3WXA	1050	IK5RLP	SX2X	SV2JAO
9V1YC	W5UE	IO9A	IT9YVO	SZ3P	SV3CYL
9Y4W	DL4MDO	IO9R	ITYAO	Т42Т	WB2REM
A44A	A47RS	IR2L	IW2LLH	T42W	RW6HS
A60FD	A61BK	IR4M	I4IFL	TC0F	TA2FE
A61FK	A61BK	IR4X	I4EAT	TC2MK	TA2NC
A61HA	A61BK	IR6T	IK6VXO	TC3COTA	TA3CX
A61ZX	IZ8CLM	IR9W	IW0HBY	TC7C	TA70M
A73A	M0OXO	IY1EY	IK1QBT	TC95TC	TA2IJ
AH2R	JH7QXJ	J42L	SV2DCD	TI3/W7RI	W3HNK
AL1G	W2GR	J68GU	DL7VOG	TI5/N3KS	W4FS
AT3A	VU2XE	JW7QIA	LA7QIA	TI7W	W4FS
AT4DK	VU3NPI	JY5MM	IK2DUW	TM3R	F5UTN
B4T	BA4TB	KH2F	JA2TBS	TM4L	F8ARK
B5/IK7YTT	IW7EGQ	KH7M	IOMWI [others]	TM5PAX	F5JSQ
H					
B7P	BA4EG	кн7м	KH6ZM [K/VE]	TM5Y	F8DBF
в9к	BA4EG	KH8/W1VX	JF10CQ	TM80GW	F5INJ
B9K BV30R	BA4EG BM2JCC	KH8/W1VX KH8C	JF10CQ JF10CQ	TM80GW UE70AR	F5INJ RZ5D
B9K BV30R C44C	BA4EG BM2JCC MOURX	KH8/W1VX KH8C KP2M	JF10CQ JF10CQ NZ4DX	TM80GW UE70AR UN9L	F51NJ RZ5D LZ1YE
B9K BV30R C44C C4A	BA4EG BM2JCC M0URX 5B4KH	KH8/W1VX KH8C KP2M KP3Z	JF10CQ JF10CQ NZ4DX N4AO	TM80GW UE70AR UN9L UP0L	F51NJ RZ5D LZ1YE DL8KAC
B9K BV30R C44C C4A C4T	BA4EG BM2JCC M0URX 5B4KH 5B4AGL	KH8/W1VX KH8C KP2M KP3Z L77D	JF10CQ JF10CQ NZ4DX N4AO LU6DC	TM80GW UE70AR UN9L UP0L UP4L	F5INJ RZ5D LZ1YE DL8KAC UN7LZ
B9K BV30R C44C C4A C4T C6AAT	BA4EG BM2JCC M0URX 5B4KH 5B4AGL K7BX	KH8/W1VX KH8C KP2M KP3Z L77D LC1U	JF10CQ JF10CQ NZ4DX N4AO LU6DC LB8CG	TM80GW UE70AR UN9L UP0L UP4L V3A	F5INJ RZ5D LZ1YE DL8KAC UN7LZ M00XO
B9K BV30R C44C C4A C4T C6AAT CB1H	BA4EG BM2JCC M0URX 5B4KH 5B4AGL K7BX XQ1KN	KH8/W1VX KH8C KP2M KP3Z L77D LC1U LC6C	JF10CQ JF10CQ NZ4DX N4AO LU6DC LB8CG LA6VQ	TM80GW UE70AR UN9L UP0L UP4L V3A V47FWX	F5INJ RZ5D LZ1YE DL8KAC UN7LZ M0OXO M0URX
B9K BV30R C44C C4A C4T C6AAT CB1H CB8E	BA4EG BM2JCC M0URX 5B4KH 5B4AGL K7BX XQ1KN CE8EIO	KH8/W1VX KH8C KP2M KP3Z L77D LC1U LC6C LO7H	JF10CQ JF10CQ NZ4DX N4AO LU6DC LB8CG LA6VQ LU7HW	TM80GW UE70AR UN9L UP0L UP4L V3A V47FWX V47X	F5INJ RZ5D LZ1YE DL8KAC UN7LZ M0OXO M0URX M0URX
B9K BV30R C44C C4A C4T C6AAT CB1H CB8E CE3CT	BA4EG BM2JCC M0URX 5B4KH 5B4AGL K7BX XQ1KN CE8EIO EA5KB	KH8/W1VX KH8C KP2M KP3Z L77D LC1U LC6C LO7H LU2DD	JF10CQ JF10CQ NZ4DX N4AO LU6DC LB8CG LA6VQ LU7HW EC6DX	TM80GW UE70AR UN9L UP0L UP4L V3A V47FWX V47X V73NS	F5INJ RZ5D LZ1YE DL8KAC UN7LZ M0OXO M0URX M0URX W3HNK
B9K BV30R C44C C4A C4T C6AAT CB1H CB8E CE3CT CF3A	BA4EG BM2JCC M0URX 5B4KH 5B4AGL K7BX XQ1KN CE8EIO EA5KB VE3AT	KH8/W1VX KH8C KP2M KP3Z L77D LC1U LC6C LO7H LU2DD LU3DX	JF10CQ JF10CQ NZ4DX N4AO LU6DC LB8CG LA6VQ LU7HW EC6DX EA5FL	TM80GW UE70AR UN9L UP0L UP4L V3A V47FWX V47X V73NS VC3M	F5INJ RZ5D LZ1YE DL8KAC UN7LZ M0OXO M0URX M0URX W3HNK VE3LA
B9K BV30R C44C C4A C4T C6AAT CB1H CB8E CE3CT CF3A CN2CO	BA4EG BM2JCC M0URX 5B4KH 5B4AGL K7BX XQ1KN CE8EIO EA5KB VE3AT UA2FM	KH8/W1VX KH8C KP2M KP3Z L77D LC1U LC6C LO7H LU2DD LU3DX LU8YE	JF10CQ JF10CQ NZ4DX N4AO LU6DC LB8CG LA6VQ LU7HW EC6DX EA5FL IK2DUW	TM80GW UE70AR UN9L UP0L UP4L V3A V47FWX V47X V73NS VC3M VC3R	F5INJ RZ5D LZ1YE DL8KAC UN7LZ M0OXO M0URX MOURX W3HNK VE3LA VE7VR
B9K BV30R C44C C4A C4T C6AAT CB1H CB8E CE3CT CF3A CN2CO CN2HK	BA4EG BM2JCC M0URX 5B4KH 5B4AGL K7BX XQ1KN CE8EIO EA5KB VE3AT UA2FM HB9FUX	KH8/W1VX KH8C KP2M KP3Z L77D LC1U LC6C LO7H LU2DD LU3DX LU8YE LV5Y	JF10CQ JF10CQ NZ4DX N4AO LU6DC LB8CG LA6VQ LU7HW EC6DX EA5FL IK2DUW LU5VV	TM80GW UE70AR UN9L UP0L UP4L V3A V47FWX V47X V73NS VC3M VC3R VK4KW	F5INJ RZ5D LZ1YE DL8KAC UN7LZ M0OXO M0URX MOURX W3HNK VE3LA VE7VR N3SL
B9K BV30R C44C C4A C4T C6AAT CB1H CB8E CE3CT CF3A CN2CO CN2HK CN8KD	BA4EG BM2JCC M0URX 5B4KH 5B4AGL K7BX XQ1KN CE8EIO EA5KB VE3AT UA2FM HB9FUX EA5XX	KH8/W1VX KH8C KP2M KP3Z L77D LC1U LC6C LO7H LU2DD LU3DX LU8YE LV5Y LX4A	JF10CQ JF10CQ NZ4DX N4AO LU6DC LB8CG LA6VQ LU7HW EC6DX EA5FL IK2DUW LU5VV LX1NO	TM80GW UE70AR UN9L UP0L UP4L V3A V47FWX V47X V73NS VC3M VC3R VK4KW VK5GR	F5INJ RZ5D LZ1YE DL8KAC UN7LZ M00XO M0URX M0URX W3HNK VE3LA VE7VR N3SL M00XO
B9K BV30R C44C C44A C4T C6AAT CB1H CB8E CE3CT CF3A CN2CO CN2HK CN8KD CN8SG	BA4EG BM2JCC M0URX 5B4KH 5B4AGL K7BX XQ1KN CE8EIO EA5KB VE3AT UA2FM HB9FUX EA5XX EA7FTR	KH8/W1VX KH8C KP2M KP3Z L77D LC1U LC6C LO7H LU2DD LU3DX LU8YE LV5Y LX4A LX7I	JF10CQ JF10CQ NZ4DX N4AO LU6DC LB8CG LA6VQ LU7HW EC6DX EA5FL IK2DUW LU5VV LX1NO LX2A	TM80GW UE70AR UN9L UP0L UP4L V3A V47FWX V47X V73NS VC3M VC3R VK4KW VK5GR VK8NSB	F5INJ RZ5D LZ1YE DL8KAC UN7LZ M00XO M0URX M0URX W3HNK VE3LA VE7VR N3SL M00XO M0URX
B9K BV30R C44C C44A C4T C6AAT CB1H CB8E CE3CT CF3A CN2CO CN2HK CN8KD CN8SG CO8ZZ	BA4EG BM2JCC M0URX 5B4KH 5B4AGL K7BX XQ1KN CE8EIO EA5KB VE3AT UA2FM HB9FUX EA5XX EA7FTR DK1WI	KH8/W1VX KH8C KP2M KP3Z L77D LC1U LC6C LO7H LU2DD LU3DX LU8YE LV5Y LX4A LX7I LX8M	JF10CQ JF10CQ NZ4DX N4AO LU6DC LB8CG LA6VQ LU7HW EC6DX EA5FL IK2DUW LU5VV LX1NO LX2A LX1ER	TM80GW UE70AR UN9L UP0L UP4L V3A V47FWX V47X V73NS VC3M VC3R VK4KW VK5GR VK8NSB VK9CH	F5INJ RZ5D LZ1YE DL8KAC UN7LZ M00XO M0URX M0URX W3HNK VE3LA VE7VR N3SL M00XO M0URX DF8AN
B9K BV30R C44C C44A C4T C6AAT CB1H CB8E CE3CT CF3A CN2CO CN2HK CN8KD CN8SG CO8ZZ CQ8M	BA4EG BM2JCC M0URX 5B4KH 5B4AGL K7BX XQ1KN CE8EIO EA5KB VE3AT UA2FM HB9FUX EA5XX EA7FTR DK1WI EA5GL	KH8/W1VX KH8C KP2M KP3Z L77D LC1U LC6C LO7H LU2DD LU3DX LU8YE LV5Y LX4A LX71 LX8M LZ33MM	JF10CQ JF10CQ NZ4DX N4AO LU6DC LB8CG LA6VQ LU7HW EC6DX EA5FL IK2DUW LU5VV LX1NO LX2A LX1ER LZ1KCP	TM80GW UE70AR UN9L UP0L UP4L V3A V47FWX V47X V73NS VC3M VC3R VK4KW VK5GR VK8NSB VK9CH VK9XQ	F5INJ RZ5D LZ1YE DL8KAC UN7LZ M00XO M0URX M0URX W3HNK VE3LA VE7VR N3SL M00XO M0URX DF8AN DF8AN
B9K BV30R C44C C44A C4T C6AAT CB1H CB8E CE3CT CF3A CN2CO CN2HK CN8KD CN8KG CO8ZZ CQ8M CR2L	BA4EG BM2JCC M0URX 5B4KH 5B4AGL K7BX XQ1KN CE8EIO EA5KB VE3AT UA2FM HB9FUX EA5XX EA7FTR DK1WI EA5GL OE2GEN	KH8/W1VX KH8C KP2M KP3Z L77D LC1U LC6C LO7H LU2DD LU3DX LU8YE LV5Y LX4A LX71 LX8M LZ33MM M3D	JF10CQ JF10CQ NZ4DX N4AO LU6DC LB8CG LA6VQ LU7HW EC6DX EA5FL IK2DUW LU5VV LX1NO LX2A LX1ER LZ1KCP G3XTT	TM80GW UE70AR UN9L UP0L UP4L V3A V47FWX V47X V73NS VC3M VC3R VK4KW VK5GR VK8NSB VK9CH VK9XQ VP2ETE	F5INJ RZ5D LZ1YE DL8KAC UN7LZ M0OXO M0URX M0URX W3HNK VE3LA VE7VR N3SL M0OXO M0URX DF8AN DF8AN DF8AN W3HNK
B9K BV30R C44C C4A C4T C6AAT CB1H CB8E CE3CT CF3A CN2CO CN2HK CN8KD CN8KG CO8ZZ CQ8M CR2L CR3DX	BA4EG BM2JCC M0URX 5B4KH 5B4AGL K7BX XQ1KN CE8EIO EA5KB VE3AT UA2FM HB9FUX EA5XX EA7FTR DK1WI EA5GL OE2GEN OM2VL	KH8/W1VX KH8C KP2M KP3Z L77D LC1U LC6C LO7H LU2DD LU3DX LU8YE LV5Y LX4A LX7I LX8M LZ33MM M3D M4A	JF1OCQ JF1OCQ NZ4DX N4AO LU6DC LB8CG LA6VQ LU7HW EC6DX EA5FL IK2DUW LU5VV LX1NO LX2A LX1ER LZ1KCP G3XTT M0BLF	TM80GW UE70AR UN9L UP0L UP4L V3A V47FWX V47X V73NS VC3M VC3R VK4KW VK5GR VK8NSB VK9CH VK9XQ VP2ETE VP2MAF	F5INJ RZ5D LZ1YE DL8KAC UN7LZ M0OXO M0URX M0URX W3HNK VE3LA VE7VR N3SL M0OXO M0URX DF8AN DF8AN W3HNK KA1AF
B9K BV30R C44C C4A C4T C6AAT CB1H CB8E CE3CT CF3A CN2CO CN2HK CN8KD CN8KG CO8ZZ CQ8M CR2L CR3DX CR5E	BA4EG BM2JCC M0URX 5B4KH 5B4AGL K7BX XQ1KN CE8EIO EA5KB VE3AT UA2FM HB9FUX EA5XX EA7FTR DK1WI EA5GL OE2GEN OM2VL CT11LT	KH8/W1VX KH8C KP2M KP3Z L77D LC1U LC6C LO7H LU2DD LU3DX LU8YE LV5Y LX4A LX7I LX8M LZ33MM M3D M4A M6T	JF10CQ JF10CQ NZ4DX N4AO LU6DC LB8CG LA6VQ LU7HW EC6DX EA5FL IK2DUW LU5VV LX1NO LX2A LX1ER LZ1KCP G3XTT M0BLF G4BWP	TM80GW UE70AR UN9L UP0L UP4L V3A V47FWX V47X V73NS VC3M VC3R VK4KW VK5GR VK8NSB VK9CH VK9XQ VP2ETE VP2MAF VP5W	F5INJ RZ5D LZ1YE DL8KAC UN7LZ M0OXO M0URX M0URX W3HNK VE3LA VE7VR N3SL M0OXO M0URX DF8AN DF8AN DF8AN W3HNK KA1AF KD3TB
B9K BV30R C44C C4A C4T C6AAT CB1H CB8E CE3CT CF3A CN2CO CN2HK CN8KD CN8KG CO8ZZ CQ8M CR2L CR3DX CR5E CR5T	BA4EG BM2JCC M0URX 5B4KH 5B4AGL K7BX XQ1KN CE8EIO EA5KB VE3AT UA2FM HB9FUX EA5XX EA7FTR DK1WI EA5GL OE2GEN OM2VL CT11LT CS5ARC	KH8/W1VX KH8C KP2M KP3Z L77D LC1U LC6C LO7H LU2DD LU3DX LU8YE LV5Y LX4A LX7I LX8M LZ33MM M3D M4A M6T MW5R	JF10CQ JF10CQ NZ4DX N4AO LU6DC LB8CG LA6VQ LU7HW EC6DX EA5FL IK2DUW LU5VV LX1NO LX2A LX1ER LZ1KCP G3XTT M0BLF G4BWP MW0EDX	TM80GW UE70AR UN9L UP0L UP4L V3A V47FWX V47X V73NS VC3M VC3R VK4KW VK5GR VK8NSB VK9CH VK9XQ VP2ETE VP2MAF VP9I	F5INJ RZ5D LZ1YE DL8KAC UN7LZ M0OXO M0URX M0URX W3HNK VE3LA VE7VR N3SL M0OXO M0URX DF8AN DF8AN DF8AN W3HNK KA1AF KD3TB WW3S
B9K BV30R C44C C4A C4T C6AAT CB1H CB8E CE3CT CF3A CN2CO CN2HK CN8KD CN8KG CO8ZZ CQ8M CR2L CR3DX CR5E CR5T CR5T	BA4EG BM2JCC M0URX 5B4KH 5B4AGL K7BX XQ1KN CE8EIO EA5KB VE3AT UA2FM HB9FUX EA5XX EA7FTR DK1WI EA5GL OE2GEN OM2VL CT11LT CS5ARC CT1ESV	KH8/W1VX KH8C KP2M KP3Z L77D LC1U LC6C LO7H LU2DD LU3DX LU8YE LV5Y LX4A LX7I LX8M LZ33MM M3D M4A M6T MW5R NH7A	JF10CQ JF10CQ NZ4DX N4AO LU6DC LB8CG LA6VQ LU7HW EC6DX EA5FL IK2DUW LU5VV LX1NO LX2A LX1ER LZ1KCP G3XTT M0BLF G4BWP MW0EDX F5VHJ	TM80GW UE70AR UN9L UP0L UP4L V3A V47FWX V477X V73NS VC3M VC3R VK4KW VK5GR VK8NSB VK9CH VK9XQ VP2ETE VP2MAF VP5W VP9I VR2CC	F5INJ RZ5D LZ1YE DL8KAC UN7LZ M0OXO M0URX M0URX W3HNK VE3LA VE7VR N3SL M0OXO M0URX DF8AN DF8AN DF8AN W3HNK KA1AF KD3TB WW3S VR2XRW
B9K BV30R C44C C4A C4T C6AAT CB1H CB8E CE3CT CF3A CN2CO CN2HK CN8KD CN8KG CO8ZZ CQ8M CR2L CR3DX CR5E CR5T CR5T CR6T CS2I	BA4EG BM2JCC M0URX 5B4KH 5B4AGL K7BX XQ1KN CE8EIO EA5KB VE3AT UA2FM HB9FUX EA5XX EA7FTR DK1WI EA5GL OE2GEN OM2VL CT11LT CS5ARC CT1ESV CT1BWU	KH8/W1VX KH8C KP2M KP3Z L77D LC1U LC6C LO7H LU2DD LU3DX LU8YE LV5Y LX4A LX7I LX8M LZ33MM M3D M4A M6T MW5R NH7A NL8F	JF10CQ JF10CQ NZ4DX N4AO LU6DC LB8CG LA6VQ LU7HW EC6DX EA5FL IK2DUW LU5VV LX1NO LX2A LX1ER LZ1KCP G3XTT M0BLF G4BWP MW0EDX F5VHJ N7RO	TM80GW UE70AR UN9L UP0L UP4L V3A V47FWX V477X V73NS VC3M VC3R VK4KW VK5GR VK8NSB VK9CH VK9CH VK9XQ VP2ETE VP2MAF VP5W VP9I VR2CC VY2ZM	F5INJ RZ5D LZ1YE DL8KAC UN7LZ M0OXO M0URX M0URX W3HNK VE3LA VE7VR N3SL M0OXO M0URX DF8AN DF8AN DF8AN W3HNK KA1AF KD3TB WW3S VR2XRW EA7HBC
B9K BV30R C44C C4A C4T C6AAT CB1H CB8E CE3CT CF3A CN2CO CN2HK CN8KD CN8KG CO8ZZ CQ8M CR2L CR3DX CR5E CR5T CR6T CS2I CT9ABN	BA4EG BM2JCC M0URX 5B4KH 5B4AGL K7BX XQ1KN CE8EIO EA5KB VE3AT UA2FM HB9FUX EA5XX EA7FTR DK1WI EA5GL OE2GEN OM2VL CT11LT CS5ARC CT1ESV CT1BWU OM2VL	KH8/W1VX KH8C KP2M KP3Z L77D LC1U LC6C LO7H LU2DD LU3DX LU8YE LV5Y LX4A LX7I LX8M LZ33MM M3D M4A M6T MW5R NH7A NL8F NP2J	JF10CQ JF10CQ NZ4DX N4AO LU6DC LB8CG LA6VQ LU7HW EC6DX EA5FL IK2DUW LU5VV LX1NO LX2A LX1ER LZ1KCP G3XTT M0BLF G4BWP MW0EDX F5VHJ N7RO K8RF	TM80GW UE70AR UN9L UP9L UP9L V3A V47FWX V477X V73NS VC3M VC3R VK4KW VK5GR VK8NSB VK9CH VK9XQ VP2ETE VP2MAF VP5W VP9I VR2CC VY2ZM W1VX/KH8	F5INJ RZ5D LZ1YE DL8KAC UN7LZ M0OXO M0URX M0URX W3HNK VE3LA VE7VR N3SL M0OXO M0URX DF8AN DF8AN DF8AN W3HNK KA1AF KD3TB WW3S VR2XRW EA7HBC JF1OCQ
B9K BV30R C44C C4A C4T C6AAT CB1H CB8E CE3CT CF3A CN2CO CN2HK CN8KD CN8KD CN8KG CO8ZZ CQ8M CR2L CR3DX CR5E CR5T CR6T CS2I CT9ABN CT9ABO	BA4EG BM2JCC M0URX 5B4KH 5B4AGL K7BX XQ1KN CE8EIO EA5KB VE3AT UA2FM HB9FUX EA5XX EA7FTR DK1WI EA5GL OE2GEN OM2VL CT11LT CS5ARC CT1ESV CT1BWU OM2VL OM3GI	KH8/W1VX KH8C KP2M KP3Z L77D LC1U LC6C LO7H LU2DD LU3DX LU8YE LV5Y LX4A LX7I LX8M LZ33MM M3D M4A M6T MW5R NH7A NL8F NP2J NP2X	JF10CQ JF10CQ NZ4DX N4AO LU6DC LB8CG LA6VQ LU7HW EC6DX EA5FL IK2DUW LU5VV LX1NO LX2A LX1ER LZ1KCP G3XTT M0BLF G4BWP MW0EDX F5VHJ N7RO K8RF KU9C	TM80GW UE70AR UN9L UP9L UP9L V3A V47FWX V477W V73NS VC3M VC3R VK4KW VK5GR VK8NSB VK9CH VK9XQ VP2ETE VP2MAF VP5W VP9I VR2CC VY2ZM W1VX/KH8 XX90	F5INJ RZ5D LZ1YE DL8KAC UN7LZ M0OXO M0URX M0URX W3HNK VE3LA VE7VR N3SL M0OXO M0URX DF8AN DF8AN DF8AN W3HNK KA1AF KD3TB WW3S VR2XRW EA7HBC JF1OCQ XX9AU
B9K BV30R C44C C4A C4T C6AAT CB1H CB8E CE3CT CF3A CN2CO CN2HK CN8KD CN8KD CN8KG CO8ZZ CQ8M CR2L CR3DX CR5E CR5T CR6T CS2I CT9ABN CT9ABP	BA4EG BM2JCC M0URX 5B4KH 5B4AGL K7BX XQ1KN CE8EIO EA5KB VE3AT UA2FM HB9FUX EA5XX EA7FTR DK1WI EA5GL OE2GEN OM2VL CT11LT CS5ARC CT1ESV CT1BWU OM2VL OM3GI OM3BH	KH8/W1VX KH8C KP2M KP3Z L77D LC1U LC6C LO7H LU2DD LU3DX LU8YE LV5Y LX4A LX7I LX8M LZ33MM M3D M4A M6T MW5R NH7A NL8F NP2J NP2X NP3A	JF10CQ JF10CQ NZ4DX N4AO LU6DC LB8CG LA6VQ LU7HW EC6DX EA5FL IK2DUW LU5VV LX1NO LX2A LX1ER LZ1KCP G3XTT M0BLF G4BWP MW0EDX F5VHJ N7RO K8RF KU9C WD8CW	TM80GW UE70AR UN9L UP9L UP9L V3A V47FWX V477X V73NS VC3M VC3R VK4KW VK5GR VK8NSB VK9CH VK9XQ VP2ETE VP2MAF VP5W VP9I VR2CC VY2ZM W1VX/KH8 XX90 YP0C	F5INJ RZ5D LZ1YE DL8KAC UN7LZ M0OXO M0URX M0URX W3HNK VE3LA VE7VR N3SL M0OXO M0URX DF8AN DF8AN DF8AN W3HNK KA1AF KD3TB WW3S VR2XRW EA7HBC JF1OCQ XX9AU YO3CZW
B9K BV30R C44C C4A C4T C6AAT CB1H CB8E CE3CT CF3A CN2CO CN2HK CN8KD CN8KG CO8ZZ CQ8M CR2L CR3DX CR5E CR5T CR6T CS2I CT9ABN CT9ABO CT9ABP CV7S	BA4EG BM2JCC M0URX 5B4KH 5B4AGL K7BX XQ1KN CE8EIO EA5KB VE3AT UA2FM HB9FUX EA5XX EA7FTR DK1WI EA5GL OE2GEN OM2VL CT1ILT CS5ARC CT1ESV CT1BWU OM2VL OM3GI OM3BH CX7SS	KH8/W1VX KH8C KP2M KP3Z L77D LC1U LC6C LO7H LU2DD LU3DX LU8YE LV5Y LX4A LX7I LX8M LZ33MM M3D M4A M6T MW5R NH7A NL8F NP2J NP2X NP3A NP3X	JF10CQ JF10CQ NZ4DX N4AO LU6DC LB8CG LA6VQ LU7HW EC6DX EA5FL IK2DUW LU5VV LX1NO LX2A LX1ER LZ1KCP G3XTT M0BLF G4BWP MW0EDX F5VHJ N7RO K8RF KU9C WD8CW EB7DX	TM80GW UE70AR UN9L UP9L UP9L V3A V47FWX V477X V73NS VC3M VC3R VK4KW VK5GR VK8NSB VK9CH VK9YQ VP2ETE VP2MAF VP5W VP9I VR2CC VY2ZM W1VX/KH8 XX90 YP0C YR0MB	F5INJ RZ5D LZ1YE DL8KAC UN7LZ M0OXO M0URX M0URX W3HNK VE3LA VE7VR N3SL M0OXO M0URX DF8AN DF8AN DF8AN W3HNK KA1AF KD3TB WW3S VR2XRW EA7HBC JF1OCQ XX9AU YO3CZW YO5BFJ
B9K BV30R C44C C4A C4T C6AAT CB1H CB8E CE3CT CF3A CN2CO CN2HK CN8KD CN8KG CO8ZZ CQ8M CR2L CR3DX CR5E CR5T CR6T CS2I CT9ABN CT9ABO CT9ABP CV7S D4C	BA4EG BM2JCC M0URX 5B4KH 5B4AGL K7BX XQ1KN CE8EIO EA5KB VE3AT UA2FM HB9FUX EA5XX EA7FTR DK1WI EA5GL OE2GEN OM2VL CT11LT CS5ARC CT1ESV CT1BWU OM2VL OM3GI OM3BH CX7SS HB9DUR [d]	KH8/W1VX KH8C KP2M KP3Z L77D LC1U LC6C LO7H LU2DD LU3DX LU8YE LV5Y LX4A LX7I LX8M LZ33MM M3D M4A M6T MW5R NH7A NL8F NP2J NP2X NP3A NP3X NP4Z	JF10CQ JF10CQ NZ4DX N4AO LU6DC LB8CG LA6VQ LU7HW EC6DX EA5FL IK2DUW LU5VV LX1NO LX2A LX1ER LZ1KCP G3XTT M0BLF G4BWP MW0EDX F5VHJ N7RO K8RF KU9C WD8CW EB7DX N4AO	TM80GW UE70AR UN9L UP9L UP9L V3A V47FWX V47TW V47X V73NS VC3M VC3R VK4KW VK5GR VK8NSB VK9CH VK9YQ VP2ETE VP2MAF VP5W VP9I VR2CC VY2ZM W1VX/KH8 XX9O YP0C YR0MB YR8D	F5INJ RZ5D LZ1YE DL8KAC UN7LZ M0OXO M0URX M0URX W3HNK VE3LA VE7VR N3SL M0OXO M0URX DF8AN DF8AN DF8AN W3HNK KA1AF KD3TB WW3S VR2XRW EA7HBC JF1OCQ XX9AU YO3CZW YO5BFJ YO8KRR
B9K BV30R C44C C4A C4T C6AAT CB1H CB8E CE3CT CF3A CN2CO CN2HK CN8KD CN8KD CN8SG CO8ZZ CQ8M CR2L CR3DX CR5E CR5T CR6T CS2I CT9ABN CT9ABO CT9ABP CV7S D4C D4C	BA4EG BM2JCC M0URX 5B4KH 5B4AGL K7BX XQ1KN CE8EIO EA5KB VE3AT UA2FM HB9FUX EA5XX EA7FTR DK1WI EA5GL OE2GEN OM2VL CT11LT CS5ARC CT1ESV CT1BWU OM2VL OM3GI OM3BH CX7SS HB9DUR [d] IK2NCJ [b]	KH8/W1VX KH8C KP2M KP3Z L77D LC1U LC6C LO7H LU2DD LU3DX LU8YE LV5Y LX4A LX7I LX8M LZ33MM M3D M4A M6T MW5R NH7A NL8F NP2J NP2X NP3A NP3X NP4Z OA4SS	JF10CQ JF10CQ NZ4DX N4AO LU6DC LB8CG LA6VQ LU7HW EC6DX EA5FL IK2DUW LU5VV LX1NO LX2A LX1ER LZ1KCP G3XTT M0BLF G4BWP MW0EDX F5VHJ N7RO K8RF KU9C WD8CW EB7DX N4AO KB6J	TM80GW UE70AR UN9L UP9L UP9L V3A V47FWX V47TW V47X V73NS VC3M VC3R VK4KW VK5GR VK8NSB VK9CH VK9XQ VP2ETE VP2MAF VP5W VP9I VR2CC VY2ZM W1VX/KH8 XX90 YP0C YR0MB YR8D YU100WWI	F5INJ RZ5D LZ1YE DL8KAC UN7LZ M0OXO M0URX M0URX W3HNK VE3LA VE7VR N3SL M0OXO M0URX DF8AN DF8AN DF8AN W3HNK KA1AF KD3TB WW3S VR2XRW EA7HBC JF1OCQ XX9AU YO3CZW YO5BFJ YO8KRR YU1SRS
B9K BV30R C44C C4A C4T C6AAT CB1H CB8E CE3CT CF3A CN2CO CN2HK CN8KD CN8KD CN8SG CO8ZZ CQ8M CR2L CR3DX CR5E CR5T CR6T CS2I CT9ABN CT9ABO CT9ABP CV7S D4C D4C DF0HQ	BA4EG BM2JCC MOURX 5B4KH 5B4AGL K7BX XQ1KN CE8EIO EA5KB VE3AT UA2FM HB9FUX EA5XX EA7FTR DK1WI EA5GL OE2GEN OM2VL CT11LT CS5ARC CT1ESV CT1BWU OM2VL OM3GI OM3BH CX7SS HB9DUR [d] IK2NCJ [b] DL5AXX	KH8/W1VX KH8C KP2M KP3Z L77D LC1U LC6C LO7H LU2DD LU3DX LU8YE LV5Y LX4A LX7I LX8M LZ33MM M3D M4A M6T MW5R NH7A NL8F NP2J NP2X NP3A NP3X NP4Z OA4SS OD5PY	JF10CQ JF10CQ NZ4DX N4AO LU6DC LB8CG LA6VQ LU7HW EC6DX EA5FL IK2DUW LU5VV LX1NO LX2A LX1ER LZ1KCP G3XTT M0BLF G4BWP MW0EDX F5VHJ N7RO K8RF KU9C WD8CW EB7DX N4AO KB6J KU9C	TM80GW UE70AR UN9L UP9L UP9L V3A V47FWX V477X V73NS VC3M VC3R VK4KW VK5GR VK8NSB VK9CH VK9XQ VP2ETE VP2MAF VP5W VP9I VR2CC VY2ZM W1VX/KH8 XX90 YP0C YR0MB YR8D YU100WWI YU85AOP	F5INJ RZ5D LZ1YE DL8KAC UN7LZ M0OXO M0URX M0URX W3HNK VE3LA VE7VR N3SL M0OXO M0URX DF8AN DF8AN DF8AN DF8AN W3HNK KA1AF KD3TB WW3S VR2XRW EA7HBC JF1OCQ XX9AU YO3CZW YO5BFJ YO8KRR YU1SRS YU7AOP
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B9K BV30R C44C C4A C4T C6AAT CB1H CB8E CE3CT CF3A CN2CO CN2HK CN8KD CN8KD CN8SG CO8ZZ CQ8M CR2L CR3DX CR5E CR5T CR6T CS2I CT9ABN CT9ABO CT9ABP CV7S D4C D4C DF0HQ	BA4EG BM2JCC MOURX 5B4KH 5B4AGL K7BX XQ1KN CE8EIO EA5KB VE3AT UA2FM HB9FUX EA5XX EA7FTR DK1WI EA5GL OE2GEN OM2VL CT11LT CS5ARC CT1ESV CT1BWU OM2VL OM3GI OM3BH CX7SS HB9DUR [d] IK2NCJ [b] DL5AXX	KH8/W1VX KH8C KP2M KP3Z L77D LC1U LC6C LO7H LU2DD LU3DX LU8YE LV5Y LX4A LX7I LX8M LZ33MM M3D M4A M6T MW5R NH7A NL8F NP2J NP2X NP3A NP3X NP4Z OA4SS OD5PY	JF10CQ JF10CQ NZ4DX N4AO LU6DC LB8CG LA6VQ LU7HW EC6DX EA5FL IK2DUW LU5VV LX1NO LX2A LX1ER LZ1KCP G3XTT M0BLF G4BWP MW0EDX F5VHJ N7RO K8RF KU9C WD8CW EB7DX N4AO KB6J KU9C	TM80GW UE70AR UN9L UP9L UP9L V3A V47FWX V477X V73NS VC3M VC3R VK4KW VK5GR VK8NSB VK9CH VK9XQ VP2ETE VP2MAF VP5W VP9I VR2CC VY2ZM W1VX/KH8 XX90 YP0C YR0MB YR8D YU100WWI YU85AOP	F5INJ RZ5D LZ1YE DL8KAC UN7LZ M0OXO M0URX M0URX W3HNK VE3LA VE7VR N3SL M0OXO M0URX DF8AN DF8AN DF8AN DF8AN W3HNK KA1AF KD3TB WW3S VR2XRW EA7HBC JF1OCQ XX9AU YO3CZW YO5BFJ YO8KRR YU1SRS YU7AOP

CALL	MANAGER	CALL	MANAGER	CALL	MANAGER
DU1R	DU1UGZ	OD5ZF	IZ8CLM	Z23MD	IK2VUC
DX2R	W3HNK	OE32EUDXF	OE4VIE	Z6/EI5GM	M0OXO
E44WE	SP9FIH	OG60F	OH1NOA	Z6/EI9FBB	EI9FBB
E725ZRHB	E73Y	OG7A	он6мw	Z61KR	9A1R
E770NKSB	E79Q	OH0R	OH2PM	ZF1A	K6AM
E7CW	E73ESP	OK8WW	OM2FY	ZF2LC	W2SM
E7DX	E77E	OP0PPY	ON7LX	ZF2ZB	JH1NBN
EA9KB	EA7FTR	OP187MN	ON2KP	ZM4T	ZL3IO
EA9LZ	EA5KB	OP18N	ON4CRD	ZP6A	EA5GL
ED3X	EA3JW	OP18V	ON4GDV	ZS6TVB	N4GNR
ED7P	EA7PP	OP4CHK	ON4CHK	ZW5B	K3IRV
ED8W	EA8DO	OP4W	ON4BWT	ZX5J	NZ4DX

CALL	MANAGER	CALL	MANAGER	CALL	MANAGER
3B8CW	NI5DX	CU8FN	HB9CRV	PA75STAR	PA1UN
3D2TS	FK1TS	D41CV	HB9DUR [d]	PC6IPA	PA9LUC
3G4NU	CE4CNU	D41CV	IK2NCJ [b]	PJ4/KU8E	K4BAI
4J100A	4J5A	DP0GVN	DL5EBE	PJ7/UR5BCP	KD7WPJ
4L1FL	EA7FTR	EG7ESA	EA7URF	PJ7AA	AA9A
4L6QL	RW6HS	EL2EF	N200	PJ7TM	K2GSJ
407CC	UA4CC	EM44WFF	UT4WA	PZ5T	VE3DZ
4S7DLG	DK8ZZ	EM85QZS	UT3QZ	R130TU	RZ5D
4s7KKG	DC0KK	ER4KAA	ER1FF	R200SB	RZ4AWB
4X0B	4X6ZM	EX8TR	RW6HS	RIOBC	RW1AI
5H3MB	IK2GZU	FG/F6ARC	FE11DX	SN1918WAR	SP5AXL
5R8UM	K2BB	FM5FJ	KU9C	SO100RON	SP3J
5U9AMO	M0URX	GB100MPD	G3UCQ	S0750W	SP6CES
5W1SA	JA1DXA	GB2LWF	G4SJX	SX100WWI	SV2HTI
5W20SAMOA	EA5GL	GB900PC	M5ATR	T80B	JF10C0
5X1XA	G3SWH	H2X	IZ4AMS	TM100BS	F5KOU
5Z4LS	G3RWF	HA50KHC	на5кнс	TM100LGG	F4GRW
6W1RW	F6BEE	нс5м	DL8UD	TM16PO	F5DRD
6Y3T	M0URX	HC7AE	EA5GL	TM18PGM	F4FCE
707M	W7KFI	HF0STO	SQ8W	TM1VG	F4FCE
70,7W	DK2WV	HP3SS	AC2OV	TM57GG	F-11734
7\$2G	SM2GSR	HS0ZME	SM6NT	TM88FU	F8KHP
807DX	OE1EMS	HS0ZNW	DL100	тм95ков	F5KOB
9G5AR	N4GNR	IR3MD	IN3MDR	TU0PAX	TU2CI
9x4xx	LZ3SM	IY5PIS	IW5AOT	V26K	AA3B
A35EU	GM4FDM	J68GD	K9AW	V31MA	M0OXO
A60TVD	A61BK	J8NY	VE7NY	V47NT	W2RQ
A61Q	EA7FTR	JD1BOI	JI1LET	V63DX	JA7HMZ
A65BG	PA5M	JD1BON	JA1UII	V63PSK	JA1FMN
A93DX	A92AA	K2SC/KH2	JJ2PIK	VP2EAB	WA7NB
AH2EA	JF2WGN	KH6/AH2Y	HL1IWD	VP2EAQ	KE1B
C31CT	EA3QS	NL7S	N4GNR	VP2EJS	N2LK
C5YK	ON7YK	NP4G	NP30	VP2V/K6NAO	JA1HGY
C6AGU	HA7RY	OE100KFV	OE9KFV	VP2V/WJ2O	N2ZN
C6ARW	NOHJZ	OE100XCL	OE5AMR	WP3C	W3HNK
CN3A	IK2OHG	OH0Z	WOMM	XT2AW	M00X0
CO2RQ	EC6DX	ON1418END	ON4HRT	XV9D	EA5GL
CO2RQ CO6RD	EA5GL	OP18RCL	ON3AR	YR1918BB	YO8AXP
CP4BT	DJ2BW	OT100FB	ON6LC	ZF2MJ	N6MJ
CP6CL	W3HNK	P40W	N2MM	ZF9DX	KODEQ
CT9/R7KW	K2PF	P49Y	AE6Y	ZY6V	PY6HD

**QSLs received direct or through managers:** 4B4B (NA-030), 5H3EE, 5P2C, 5Z4/LZ4NM, 7T9A (AF-094 & AF-104), 7V9A (AF-094), 8Q7DV, 9A70A, 9X0T, 9X0Y, A61QQ, BW9W (AS-155), BY4JN (AS-150), C21GJ, C21VE,CN2MA, CO8LY, D44TWO, DA2018LH, DQ800HRO, DU3LA, DU6GG, ES0VB/5, ET3AA, EZ8BO, FY1LE, H40D (OC-179), H44R (OC-168), H44R/p (OC-158), HP3AK, JW/DJ2AX, JW6VDA, JW9DL, K9AJ/VY0 (NA-207), KD6WW/VY0 (NA-207), KH1/KH7Z (OC-089), KH9/N7NVK (OC-053), OJ0C, OY9JD, PJ5/SP2FUD, PJ7PL, PS1S (SA-077), PW7I (SA-046), RI1ANL, RT65KI (AS-065), SV2ASP/A, TN5R, V6J (OC-254), XR0YD (SA-001), YJ0CA, Z61DX, Z68M, ZB2EO, ZB2FK, ZB2LGT, ZG2BK, ZS9V (AF-064).

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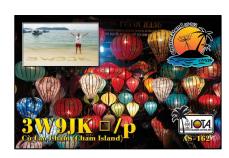
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